

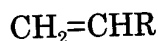
CLAIMS

[1]

A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration body, wherein the elastic body is formed from a cross-linking product of an EPDM composition, which comprises

(a) 100 parts by weight of at least one kind of EPDM, whose propylene content in sum total of ethylene and propylene in the copolymerization rubber is 35-50wt.% and whose Mooney viscosity (ML100) is not less than 40,

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula :



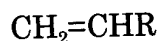
, where R is an alkyl group having 3-12 carbon atoms, with a number average molecular weight Mn of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

[2]

A damper, which comprises a vibration body, a mass member and an elastic body through which the mass member is joined to the vibration body, wherein the elastic body is formed from a cross-linking product of a blend rubber of at least one kind of EPDM and EPM, whose propylene content in sum total of ethylene and propylene in the blend rubber is 35-50wt.% and whose Mooney viscosity (ML100) is not less than 40,

(b) 5-50 parts by weight of α -olefin oligomer, which is a polymer of α -olefin represented by the following general formula :



, where R is an alkyl group having 3-12 carbon atoms, with a number

average molecular weight M_n of 300-1,400, and

(c) 1-10 parts by weight of an organic peroxide cross-linking agent.

[3]

A damper according to Claim 1, which comprises a hub fixed to the shaft end of a crankshaft, an annular vibration ring provided at the periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

[4]

A damper according to Claim 2, which comprises a hub fixed to the shaft end of a crankshaft, an annular vibration ring provided at the periphery of the hub and the elastic body through which the annular vibration ring is joined to the hub.

[5]

A damper according to Claim 1, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end.

[6]

A damper according to Claim 2, which is fixed to one shaft end of a crankshaft with a flywheel fixed at the other shaft end.